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CORNELL NOTETAKING

<u>Key Words</u>	<u>Main Ideas/Supporting Ideas</u>
1. Use the wheel for transportation	<ul style="list-style-type: none">• Used in Mesopotamia c. 3250 BCE• 1st used to make pottery, still used today• Later used with plows, carts or chariots• Vehicles pulled by donkeys or oxen
2. Improve process of pottery making	<ul style="list-style-type: none">• Sumerians used kiln oven for baking pottery and bricks• Kiln produced high temperature, pottery and bricks is harder and durable than dried in the sun
3. Produce copper in quantities large enough to make tools.	<ul style="list-style-type: none">• Combined copper with tin to make bronze and produce tools• Superior tools allows to build stronger/bigger boats/land vehicles• Sumerians trade with India
4. Irrigate fields	<ul style="list-style-type: none">• Carried water from rivers to fields• Dug channels/canals to allow water flow to fields
5. Study the stars	<ul style="list-style-type: none">• Priests calculated best times for tilling fields, plating and harvesting crops• Created calendars two seasons summer/ winter• Calendar phases of moon, 12 months of 30 days
6. Developed Engineering skills	<ul style="list-style-type: none">• Used knowledge of mathematics, built huge temples, complex systems of canals, dikes and ditches• Invented number system based 60 used by mathematicians and astronomers 1600's• System used today for measuring angles
7. Developed an efficient numbering system	<ul style="list-style-type: none">• Clay tablets c.3000 BCE ex. Five barrels oil symbol oil drawn five times• Keep track of economics as cities grew• Developed systems that separated symbols of item and amount• New system was helpful

Connections and Reflections
(Summary)

This is about the inventions of Sumerians which made their lives easier. They improved a lot of things like kiln for making pottery instead of being dried in the sun. They made stronger, bigger tools for boats and other land vehicles. Used their knowledge in Mathematics to build huge temples and complex systems.